

FIG.1

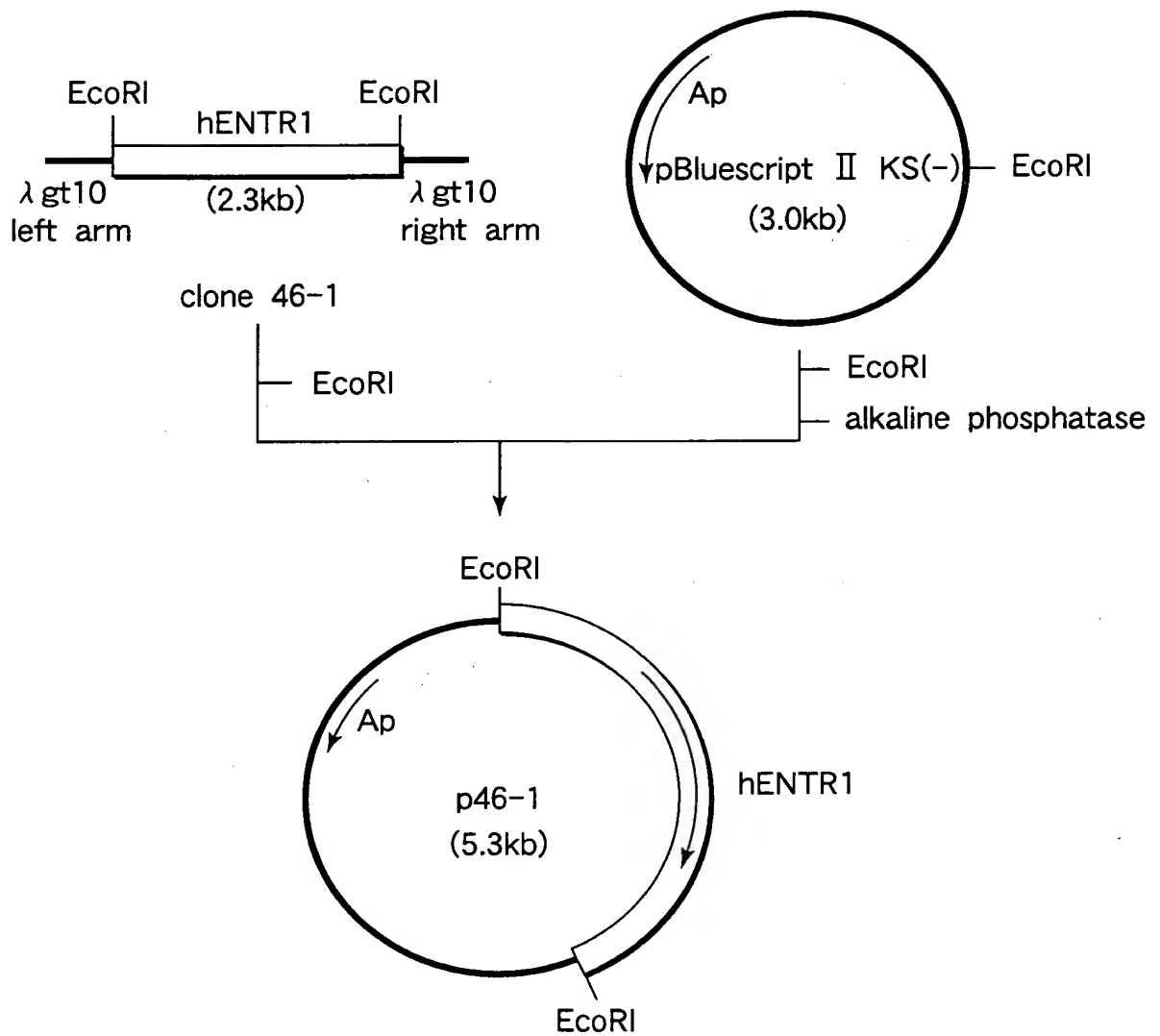


FIG.2

hENT1	1:-----MTTSHQPQDRYKAVWLIFFML	21
hENT2	1:-----MARGDAPRDSYHLVGISFFIL	21
hENTR1	1:MAVVSDDFQHSSNSTYGTSSSLRADQEALLEKLLDRPPPGLRPEDRFCGTIIFISL	60
	* * * * *	
hENT1	22:GLGTLLPWNFFMTATQYFTNRLDMSQNVSLVTAELSKDAQASAAPALPERNSLSAI-F	80
hENT2	22:GLGTLLPWNFFITAIPYFQARLA-----GAGNSTARILSTNHTGPEDAFNF	67
hENTR1	61:GIGSLLPWNFFITAKEYWMFKL-----RNSSPATGEDPEGSDILNYF	103
	* * * * *	
hENT1	81:NNVMTLCAMLPLLLFTYLNLSFLHQRIPQSVRIILGSLVAILLVFLITAILVKVQL-DALP	138
hENT2	68:NNWVTLLSQLPLLLFTLLNSFLYQCVPTVRILGSLAILLLFALTAALVKVDM-SPGP	125
hENTR1	104:ESYLAVASTVPSMLCLVANFLLVNRVAVHIRVLASLTVILATFMTALVKVDTFSWTRG	163
	* * * * *	
hENT1	139:FFVITMIKIVLINSFGAILQGSFLGLAGLLPASYTAPIMSGQGLAGFFASVAMICAIASG	198
hENT2	126:FFSITMASVCFINSFSAVLQGSFLGQGTMPSTYSTLFLSGQGLAGIFAALAMLLSMASG	185
hENTR1	164:FFAVTIVCMVILSGASTVFSSSIYGMTGSFPMRNSQALISGGAMGGTVSAVASLVDLAAS	223
	* * * * *	
hENT1	199:SELSESAGFYFITACAVIILTIICYLGLPRLEFYRYVYQQLK-LEGPGEQETKLDLISKG	256
hENT2	186:VDAETSALGYFITPCVGIILMSIVCYLSLPHLKFAFYLLANKSSQAQAELETKAELLQSD	245
hENTR1	224:SDVRNSALAFFLTATIFLVLCMGLVLLSRLEYARYYMR-----PVLAHVFSGE	273
	* * * * *	
hENT1	257:EEPRAGK-----EESGVSVSNSQPTNESHSHKAILKNISVLAFSVCFIFTITI	304
hENT2	246:ENGIPSSPQKVALTLDLDLEKEPESEPDQKPKPSVFTVFQKIWLALCLVLVFTVTL	305
hENTR1	274:EELPQDSL-----SAPSVASRFIDSHTPPLRPILKKTASLGFCVTVVFFITS	320
	* * * * *	
hENT1	305:GMFPAVTVEVKSSIAGSSTW-ERYFIPVSCFLTFFNIFDWLGRSLTAVFMWPGKDSRWLP	362
hENT2	306:SVFPAITAMVTSS-TSPGKW-SQFFNPICCFLLFNIMDWLGRSLTSYFLWPDEDSRLLP	362
hENTR1	321:LIYPAVCTNIESLNKSGSLWTTKFFIPLTTFLLYNFADLCGRQLTAWIQVPGPNKALP	380
	* * * * *	
hENT1	363:SLVLARLVFVPLLLCNILKPRRYL-TVVFEHDAWFIFFMAAFASNGYLASLCMFCGPKK	421
hENT2	363:LLVCLRFLFVPLFMLCHVPQRSRL-PILFPQDAYFITFMLLFAVSNGYLVSLTMCLAPRQ	421
hENTR1	381:GFVLLRTCLIPFLVLCNYQPRVHLKTVVFQSDVYPALLSSLLGLSNGYLSTLALLYGPKI	440
	* * * * *	
hENT1	422:VKPAEAETAGAIMAFFLCLGLALGAVFSFLFRAIV	456
hENT2	422:VLPHEREVAGALMTFFLALGLSCGASLSFLFKALL	456
hENTR1	441:VPRELAEATGVVMSFYVCLGLTLGSACSTLLVHLI	475
	* * * * *	

FIG.3

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hENT1 -----M TTSHQPQDRY
hENT2 -----M ARGDAPRDSY
hENTR1 MAVSEDDFQ HSSNSTYGT T SSSLRADQEA LLEKLLDRPP PGLQRPEDRF
          * *

hENT1 KAVWLIFFML GLGTLLPWNF FMTATQYFTN RLDMSQNVSL VTAELSKDAQ
hENT2 HLVGISFFIL GLGTLLPWNF FITAIPYFQA RLAGAGN... STARI
hENTR1 CGTYIIFFSL GIGSLLPWNF FITAKEYWMF KL.....RN
          * * * * *

hENT1 ASAAPAAPLP ERNSLSAIFN NVMTLCAMLP LLLFTYLNSF LHQRIPQSVR
hENT2 LSTNHTGPED AFN.....FN NWVTLLSQLP LLLFTLLNSF LYQCVPETVR
hENTR1 SSSPATGEDP EGSDILNYFE SYLAVASTVP SMLCLVANFL LVNRVAVHIR
          * * * * *

hENT1 ILGSLVAILL VFLITAILVK VQLDALP..F FVITMIKIVL INSFGAILQG
hENT2 ILGSLAILL LFALTAALVK VDMSPGP..F FSITMASVCF INSFSAVLQG
hENTR1 VLASLTVILA IFMVITALVK VDTFSWTRGF FAVTIVCMVI LSGASTVFSS
          * * * * *

hENT1 SLFGLAGLLP ASYTAPIMSG QGLAGFFASV AMICAIASGS ELSESAFGYF
hENT2 SLFGQLGTMF STYSTLFLSG QGLAGIFAAL AMLLSMASGV DAETSALGYF
hENTR1 SIYGMTGSFP MRNSQALISG GAMGGTVSAV ASLVDLAASS DVRNSALAFF
          * * * * *

hENT1 ITACAVIILT IICYLGLPRL EFYRYYQQLK LEGPGEQ..E TKLDLISKGE
hENT2 ITPCVGILMS IVCYLSLPHL KFARYYLANK SSQAQAQELE TKAELLQSDE
hENTR1 LTATIFLVLC MGLYLLLSRL EYARXYMR.. P VLAHVFSGE
          * * * * *

hENT1 E..PRAGK.. EE SGVSVSNSQP TNESHSEIKAI LKNISVLAFS
hENT2 NGIPSSPQKV ALTLDLDLEK EPESPEDEPQ KPGKPSVFTV FQKIWLTALE
hENTR1 EELPQDSLSE PSVASRFIDS H..... TPPLRPI LKKTASLGFC

hENT1 VCFIFTITIG MFPAVTVEVK SSIAGSST.W .ERYFIPVSC FLTFNIFDWL
hENT2 LVLVFTVTL S VPFAITAMVT SS.TSPGK.W .SQFFNPICC FLLFNIMDWL
hENTR1 VTYVFFITSL IYPAVCTNIE SLNKGSGSLW TTKFFIPLTT FLLYNFADLC
          * * * * *

hENT1 GRSLTAVFMW PGKDSRWLPS LVLARLVFVP LLLLCNIKPR RYL.TVVFEH
hENT2 GRSLTSYFLW PDEDSRLLPL LVCLRFLFVP LFMLCHVPQR SRL.PILFPQ
hENTR1 GRQLTAWIQV PGPNKALPG FVLLRTCLIP LFVLCNYQPR VHLKTVVFQS
          * * * * *

hENT1 DAWFIFMAA FAFSNGYLAS LCMCFGPKKV KPAAEATAGA IMAFFLCLGL
hENT2 DAYFITFMLL FAVSNGYLV LTMCLAPRQV LPHEREVAGA LMTFFLALGL
hENTR1 DVYPALLSSL LGLSNGYLST LALLYGPKIV PRELAEATGV VMSFYVCLGL
          * * * * *

hENT1 ALGAVFSFLF RAIV
hENT2 SCGASLSFLF KALL
hENTR1 TLGSACSTLL VHLI
          * *

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FIG.4

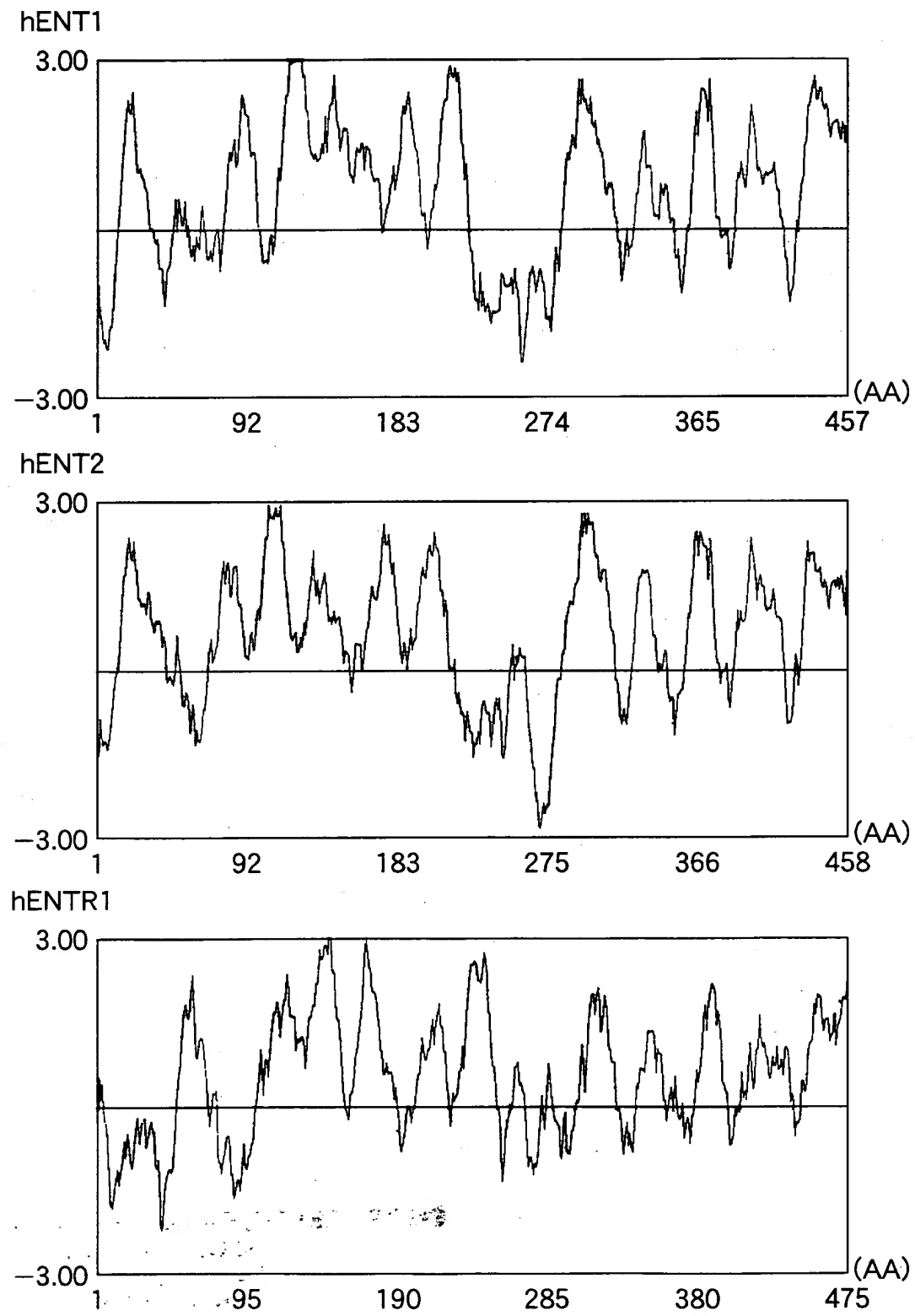


FIG.5

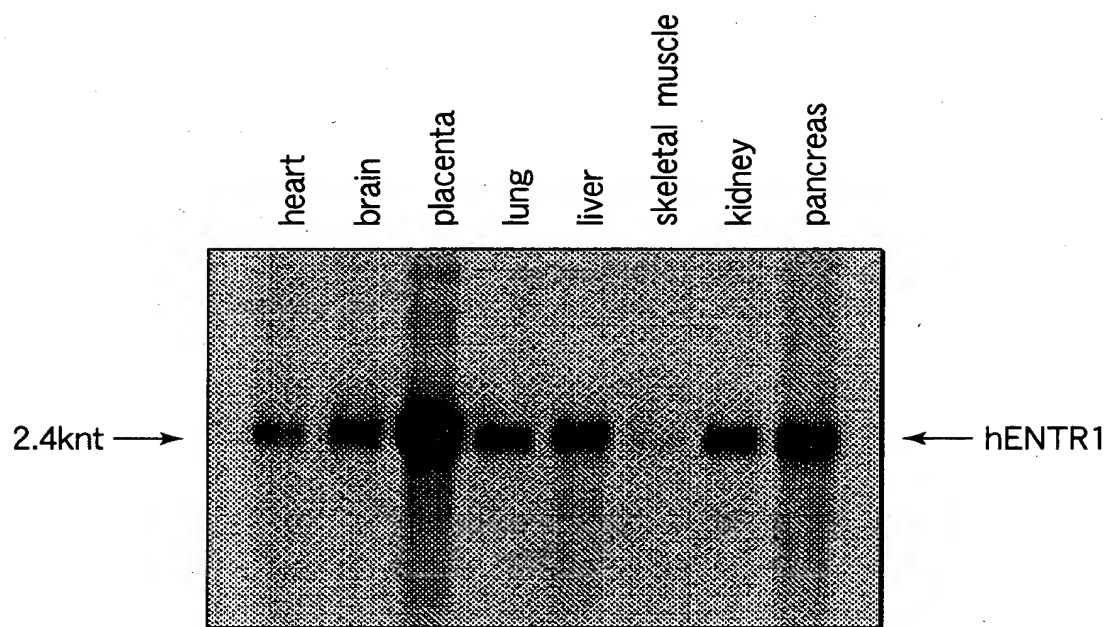
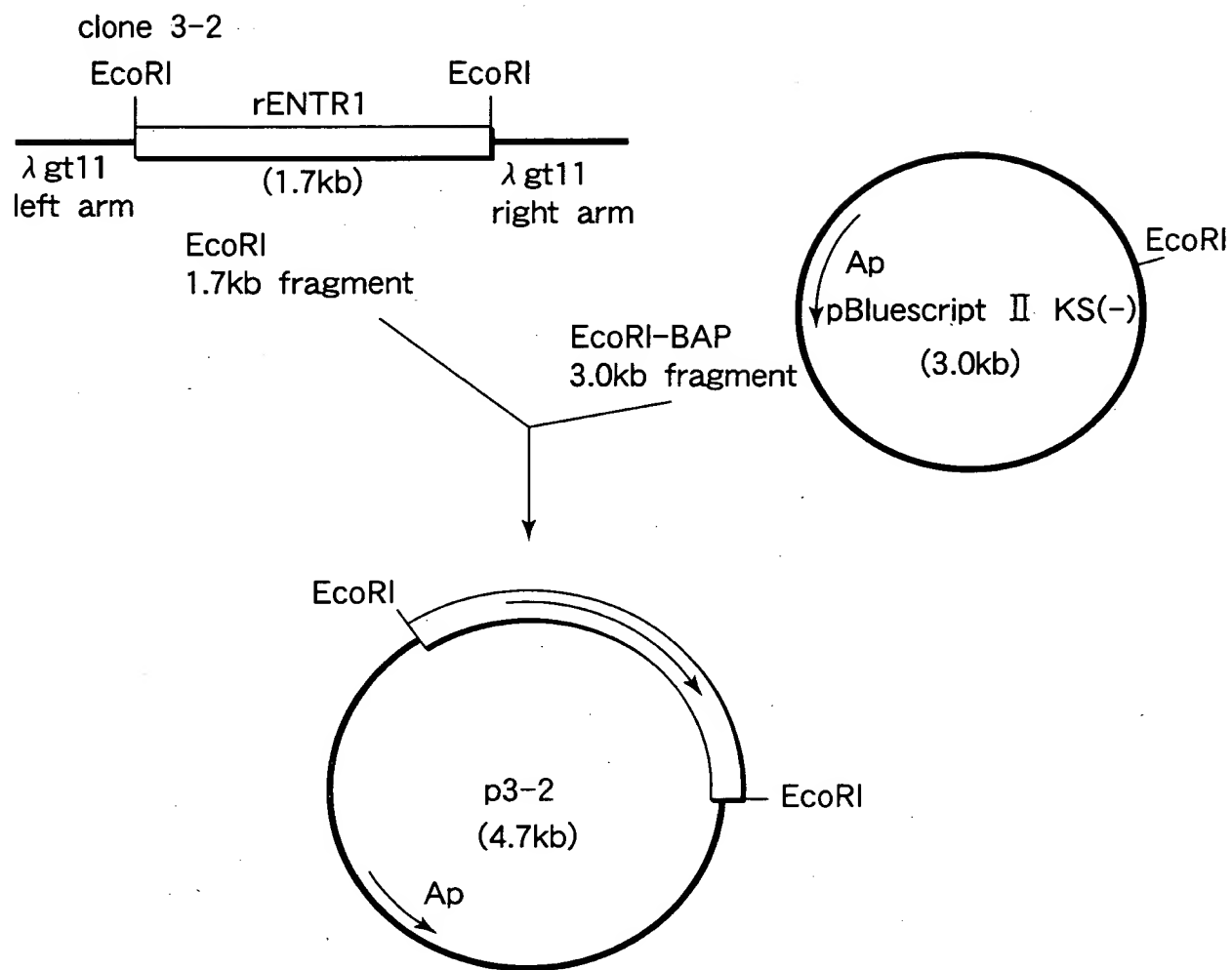


FIG.6



hENTR1 MAVSEDDFQHSSNSTYGTSSSLRADQEALLEKLLDRPPPGQLQRPEDRFCGTYI IFFSL
** .*** ****.* ..*. *****.* ** *.*****.*.****.*
rENTR1 MAFASEDIAYHSSNAVYRVPSNRHEADQEALLGKPLDYPAPGLQRPEDRFNGAYI IFACL

hENTR1 GIGSLLPWNF ITAKEYWMFKLRNSSSPATGEDPEGSD ILNYFESYLAVASTVPSMLCLV
.*.***.*.***** *****.*.***.*.***.*.*****.* **
rENTR1 GIGGLLPWNFVTAKEYWAFKLRCSSPASGKDPEDAD ILNYFESYLAVASTVPSLFLV

hENTR1 ANFLLVNRVAVHIRVLASLTVILAIFMVI TALVKVDTFSWTRGFFAVTIVCMVILSGAST
*****.*.***.*****.* ****.*..*.*.*** *****.*...*.*.*..**
rENTR1 ANFLLVNRIRVHVRVLASLSVSLAIFVMAVLVRVDTSSWTRGFFSIAMACMAIISSST

hENTR1 VFSSSYGMTGSFPMRNSQALISGGAMGGTVSAVASLVDLAASSDVRRNSALAFFLTATIF
.***.**.*.*****.*.*****.*.*****.*.*****.*.*****.*.
rENTR1 IFNSSVYGLTGSPMRNAQALISGGAMGGTVSAVASLVDLAASSDVRRDSALAFFLTAADF

hENTR1 LVLCMGLYLLLRLLEYARYYMRPVLAHVFSGEEELPQDSLAPSVAERFI DSHTPPLRP
* **.*.*****.*.*****.*.*****.*.*****.*.*****.*.*****.*
rENTR1 LGLCVGLYLLLPQLEYARYYMRPVPI HVFSSSEDSPPRDAPSTSSVAPASRAVHTPPLGP

hENTR1 ILKKTASLGFCVTYVFFITSLIYPAVCTNI ES LNKGSGSLWTTKFFI PLTTFLLYNFADL
*****.*.***.*...*****.*.***.*..*.*.*...*.*.*.***.*.***.*.*****
rENTR1 ILKKTAGLGFCVFLYFITALI FPAISTNI QPMHKGTGSPWTSKFYVPLTVFLFNADL

hENTR1 CGRQLTAWIQVPGPSKALPGFVLLRTCLI PLFVLCNYQPRVHLKTVVFQSDVYPALLSS
*****.*.*****.*.*** ** ... *.*.*.***.*.*****.*.***.*.***.*..
rENTR1 CGRQVTAWIQVGPGRSKLLPI LAVSRVCLVPLFLLCNYPQRSHTLVLFQSDI YPI LFTC

hENTR1 LLGLSNGYLSTLALLYGPKIVPRELAEATGVVMSFYVCLGLTLGSACSTLLVHLI
*****.*.***.*.*****.*.*****.*.*****.*.*****.*.***.*.*
rENTR1 LLGLSNGYLSTLVLMYGPKIVPRELAEATSVMMLFYMSLGLMLGSACAALLEHI

FIG.8

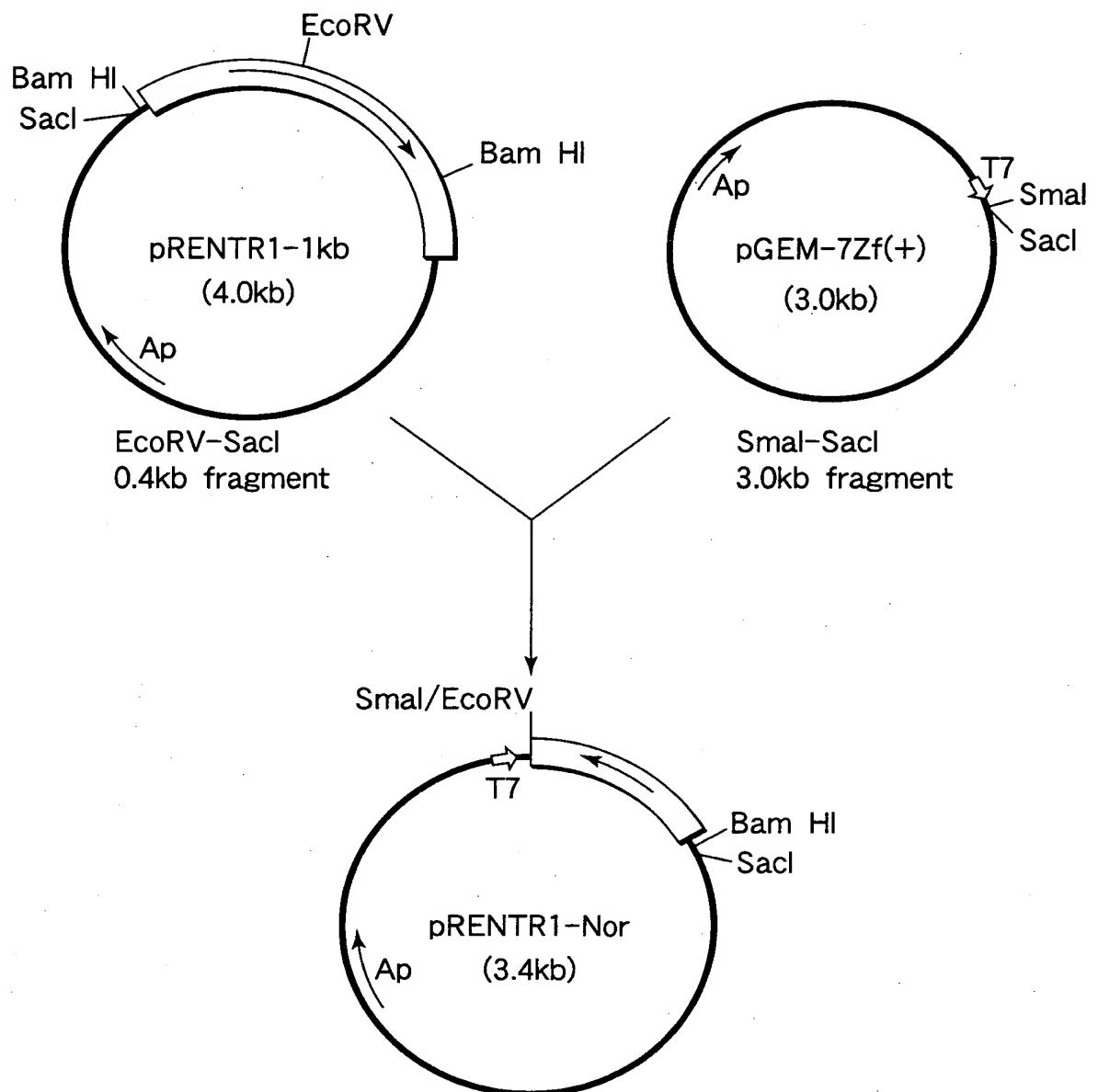


FIG.9

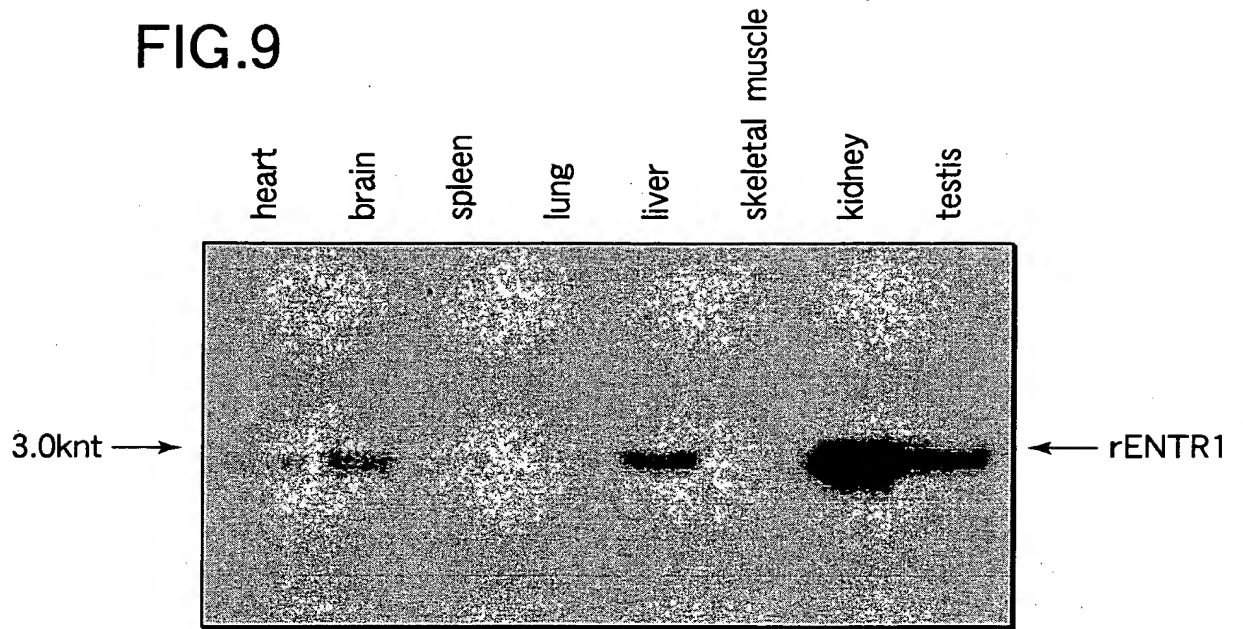


FIG.10

